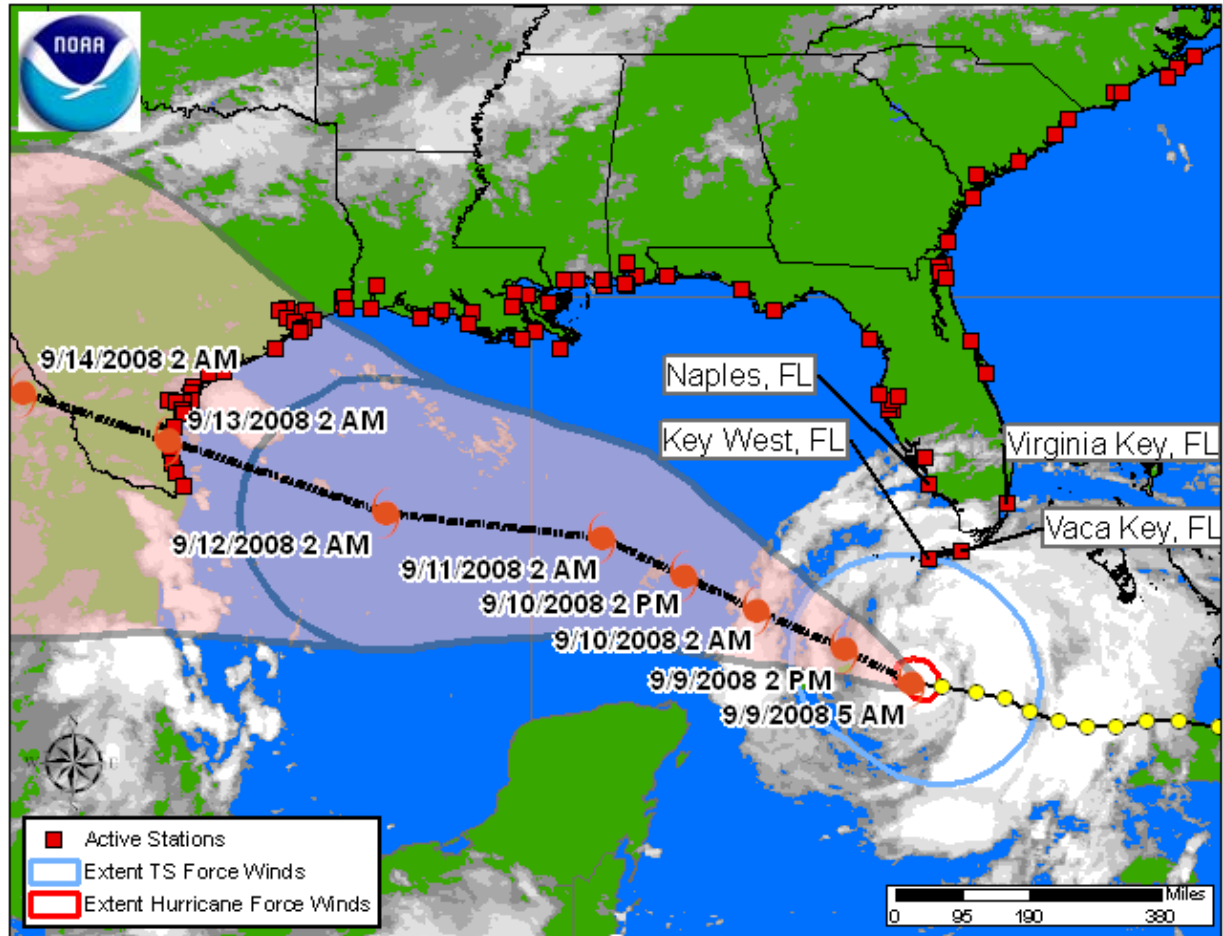




Hurricane IKE QuickLook  
Posted: 06:00 EDT 09/09/2008

NOAA and NOAA Partnership Stations Relative to the Storm



#### Storm Analysis

As of 09/09/2008 06:00 EDT, water levels are increasing across southern Florida and the Florida Keys. Water levels are currently 1.1 feet above predicted at Key West, FL. At Naples, FL, water levels are at or just below predicted. Winds are increasing with some gusts over 35 mph measured at Vaca Key, FL. Barometric pressure continues to fall across the region.

Water Level and Meteorological plots available below are updated automatically. Water level predictions relative to Mean Lower Low Water are:

Virginia Key, FL: Next predicted high tide is 2.13 ft (0.65 m) at 09/09/2008 17:24 EDT.

Vaca Key, FL: Next predicted high tide is 1.02 ft (0.31 m) at 09/09/2008 08:21 EDT.

Key West, FL: Next predicted high tide is 1.16 ft (0.35 m) at 09/09/2008 20:00 EDT.

Naples, FL: Next predicted high tide is 2.73 ft (0.83 m) at 09/09/2008 08:18 EDT.

For additional data, please see the [Center for Operational Oceanographic Products & Services](#) website. For more information or archived products and reports, please see the [Storm QuickLook](#) Homepage.

Analyst: PFF

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**SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:**

**HURRICANE IKE ADVISORY NUMBER 33**

**500 AM EDT TUE SEP 09 2008**

**...HURRICANE FORCE WIND GUSTS REPORTED IN HAVANA...**

**AT 5 AM EDT...A TROPICAL STORM WARNING IS IN EFFECT FOR THE FLORIDA KEYS FROM OCEAN REEF SOUTHWARD TO THE DRY TORTUGAS...INCLUDING FLORIDA BAY.**

**INTERESTS IN SOUTH FLORIDA AND THE YUCATAN PENINSULA SHOULD MONITOR THE PROGRESS OF IKE.**

**AT 500 AM EDT...0900Z...THE CENTER OF HURRICANE IKE WAS LOCATED BY RADAR AND A RECONNAISSANCE PLANE ABOUT 85 MILES SOUTH-SOUTHEAST OF HAVANA CUBA.**

**IKE IS MOVING TOWARD THE WEST NEAR 13 MPH. A GRADUAL TURN TO THE WEST-NORTHWEST IS EXPECTED TODAY. ON THIS TRACK...IKE IS FORECAST TO MOVE OVER THE WATERS BETWEEN THE ISLE OF YOUTH AND SOUTH COAST OF HAVANA PROVINCE DURING THE NEXT SEVERAL HOURS AND THEN MOVE OVER WESTERN CUBA LATER TODAY. IKE IS EXPECTED TO BE IN THE SOUTHEASTERN GULF OF MEXICO ON WEDNESDAY.**

**MAXIMUM SUSTAINED WINDS ARE NEAR 80 MPH WITH HIGHER GUSTS. IKE IS A CATEGORY ONE HURRICANE ON THE SAFFIR-SIMPSON SCALE. SOME STRENGTHENING IS POSSIBLE BEFORE IKE MOVES OVER WESTERN CUBA TODAY. ADDITIONAL STRENGTHENING IS FORECAST TO OCCUR WHEN IKE REACHES THE GULF OF MEXICO.**

**HURRICANE FORCE WINDS EXTEND OUTWARD UP TO 35 MILES FROM THE CENTER...AND TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 195 MILES. THE CUBAN METEOROLOGICAL SERVICE AT CASABLANCA HAVANA RECENTLY MEASURED A WIND GUST OF 75 MPH. KEY WEST RECENTLY REPORTED A WIND GUST OF 54 MPH.**

**THE MINIMUM CENTRAL PRESSURE REPORTED BY AN AIR FORCE PLANE WAS 965 MB...28.50 INCHES.**

**STORM SURGE FLOODING OF 1 TO 3 FEET...ALONG WITH LARGE AND DANGEROUS WAVES...ARE POSSIBLE IN THE FLORIDA KEYS.**

**LARGE SWELLS GENERATED BY IKE WILL CONTINUE TO AFFECT PORTIONS OF THE SOUTHEAST UNITED STATES COAST DURING THE NEXT COUPLE OF DAYS. THESE**

**WAVES COULD GENERATE DANGEROUS AND LIFE-THREATENING RIP CURRENTS.**

**RAINFALL ACCUMULATIONS OF 1 TO 3 INCHES ARE POSSIBLE OVER THE FLORIDA KEYS.**

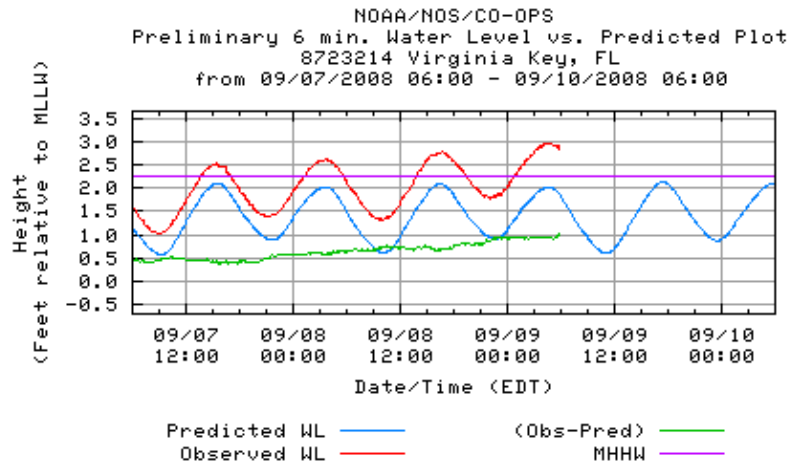
**ISOLATED TORNADOES AND WATERSPOUTS ARE POSSIBLE OVER THE FLORIDA KEYS AND EXTREME SOUTH FLORIDA TODAY.**

**FORECASTER AVILA**

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Virginia Key - Water Level](#), [Vaca Key - Water Level](#), [Vaca Key - Winds](#), [Vaca Key - Barometric](#), [Key West - Water Level](#), [Key West - Winds](#), [Key West - Barometric](#), [Key West - Air/Water Temp](#), [Naples - Water Level](#), [Naples - Winds](#), [Naples - Barometric](#), [Naples - Air/Water Temp](#),

**Virginia Key, FL - Station Map** [Return to List](#)

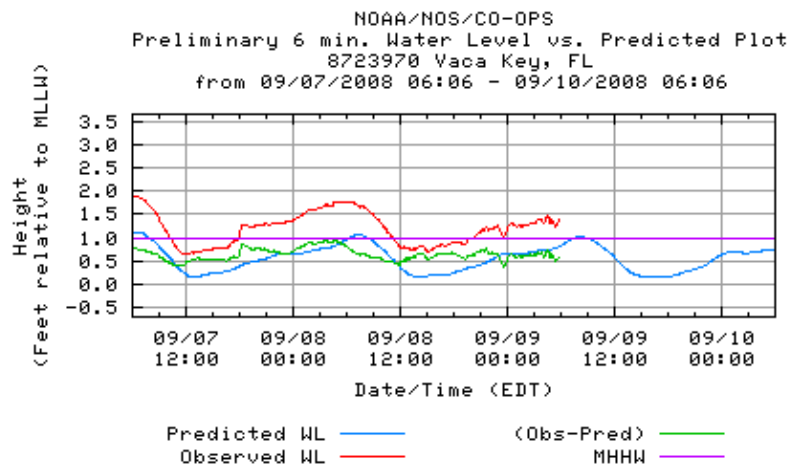


Last Observed Sample: 09/09/2008 05:48 (EDT)

Relative to **MLLW**: **Observed: 2.85 ft. Predicted: 1.88 ft. Residual: 0.97 ft.**

Historical Maximum Water Level: 11/15/1994, 1.9 ft. above **MHHW**

**Vaca Key, FL - Station Map** [Return to List](#)

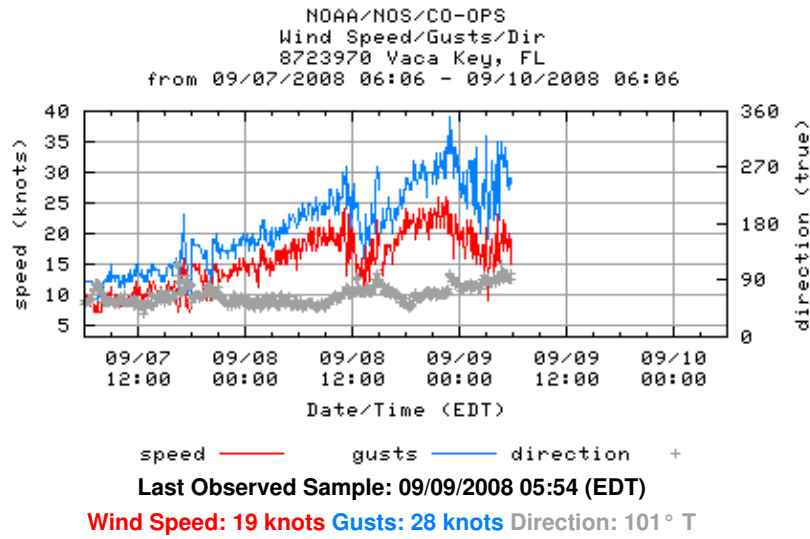


Last Observed Sample: 09/09/2008 05:54 (EDT)

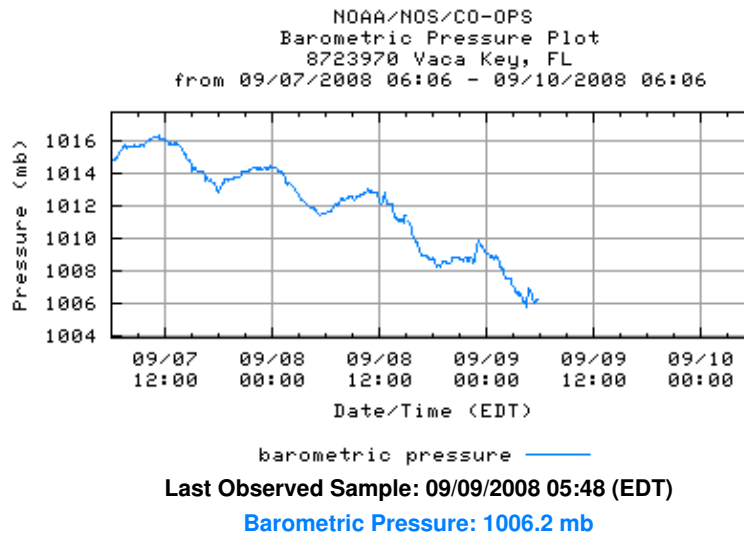
Relative to **MLLW**: **Observed: 1.38 ft. Predicted: 0.80 ft. Residual: 0.58 ft.**

Historical Maximum Water Level: 10/07/1974, 1.42 ft. above **MHHW**

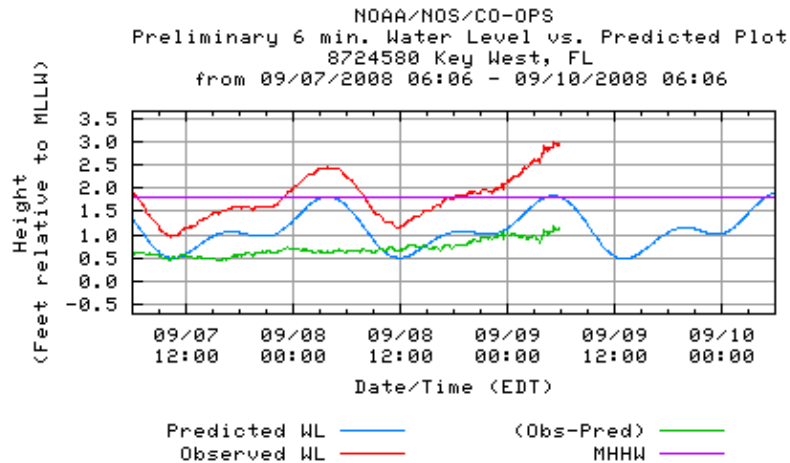
**Vaca Key, FL - Station Map** [Return to List](#)



**Vaca Key, FL - Station Map** [Return to List](#)



**Key West, FL - Station Map** [Return to List](#)

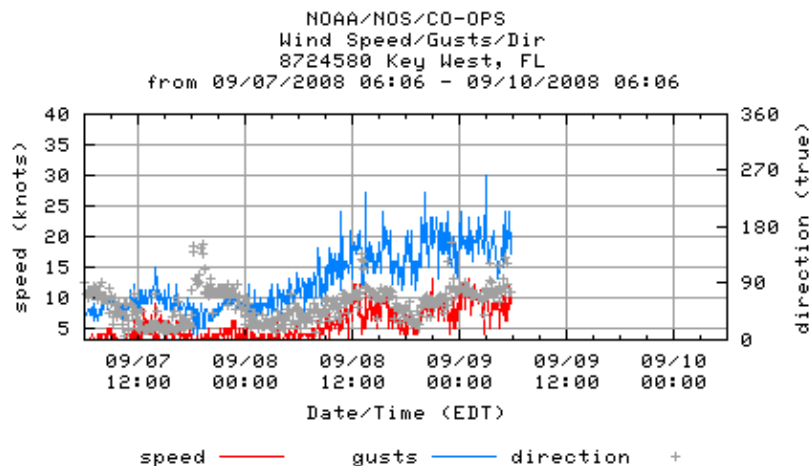


Last Observed Sample: 09/09/2008 05:54 (EDT)

Relative to **MLLW**: **Observed: 2.97 ft. Predicted: 1.82 ft. Residual: 1.15 ft.**

Historical Maximum Water Level: 09/08/1965, 1.93 ft. above **MHHW**

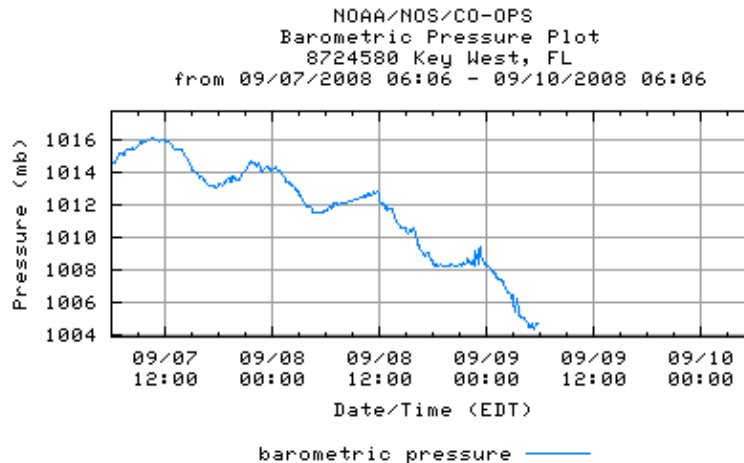
**Key West, FL - Station Map** [Return to List](#)



Last Observed Sample: 09/09/2008 05:54 (EDT)

**Wind Speed: 9 knots Gusts: 20 knots Direction: 076° T**

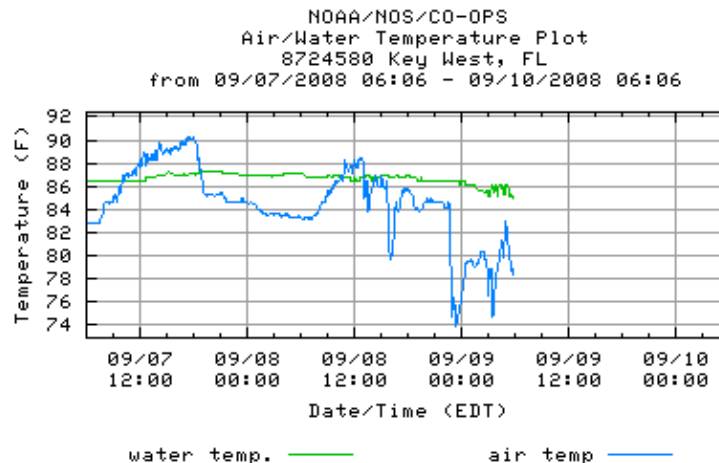
**Key West, FL - Station Map** [Return to List](#)



Last Observed Sample: 09/09/2008 05:54 (EDT)

Barometric Pressure: 1004.7 mb

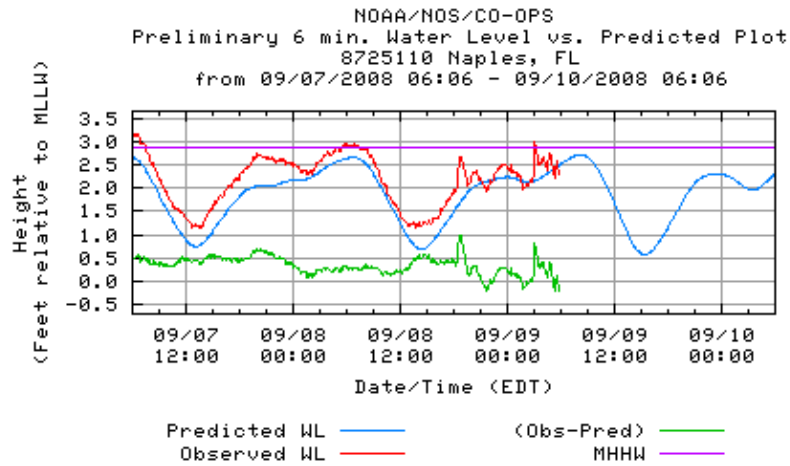
**Key West, FL - Station Map** [Return to List](#)



Last Observed Sample: 09/09/2008 05:54 (EDT)

Water Temperature: 84.9° F Air Temperature: 78.8° F

**Naples, FL - Station Map** [Return to List](#)

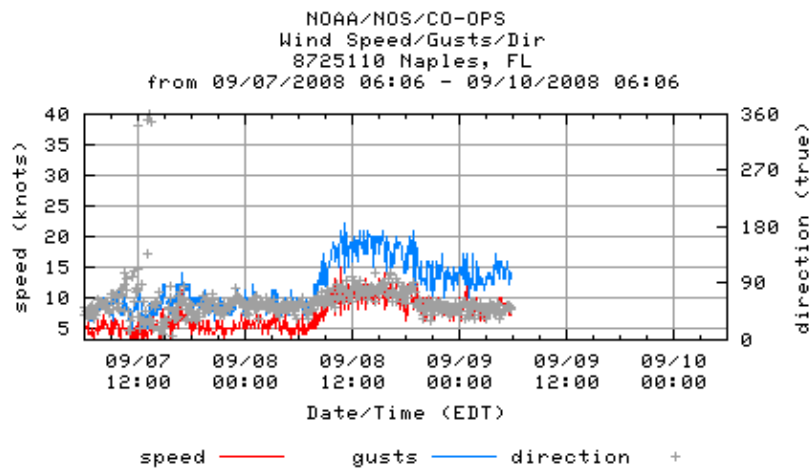


Last Observed Sample: 09/09/2008 05:54 (EDT)

Relative to **MLLW**: **Observed: 2.29 ft. Predicted: 2.49 ft. Residual: -0.20 ft.**

Historical Maximum Water Level: 12/21/1972, 3.11 ft. above **MHHW**

**Naples, FL - Station Map** [Return to List](#)

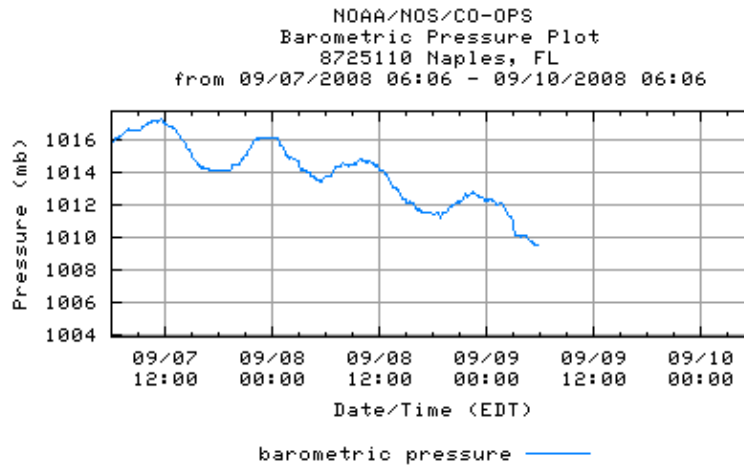


Last Observed Sample: 09/09/2008 05:54 (EDT)

**Wind Speed: 7 knots Gusts: 14 knots Direction: 053° T**



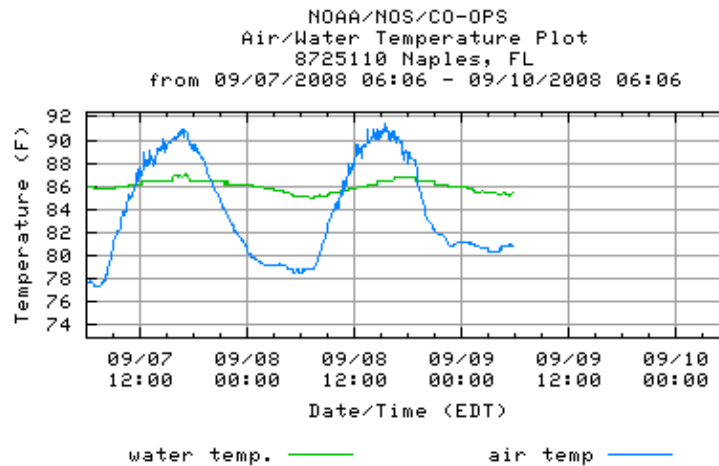
**Naples, FL - Station Map** [Return to List](#)



Last Observed Sample: 09/09/2008 05:54 (EDT)

Barometric Pressure: 1009.5 mb

**Naples, FL - Station Map** [Return to List](#)



Last Observed Sample: 09/09/2008 05:54 (EDT)

Water Temperature: 85.5° F Air Temperature: 80.8° F

## Hurricane IKE QuickLook, POSTED 06:00 EDT 09/09/2008

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)  
National Oceanic and Atmospheric Administration | U.S. Department of Commerce